

Appl. No.: 09/932,664
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Off. Act. Dated: 12/22/2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented): A data marking search system, comprising:
 - at least one server computer configured for communicating over a data network;
 - at least one user database comprising user information and associated user playlists which are configured for access by said server;
 - said user playlists containing information about music clips which have been broadcast;
 - network interface of said server is configured for communicating with a user terminal coupled to the data network to transmit a search request corresponding to a marked data, or information about the marked data; and
 - programming executable on said server computer for,
 - accessing a user database on one or more storage units in response to said search request received from said user terminal,
 - searching other user playlists within said user database in response to said search request and locating data marks or associated music clip information that fulfills the conditions of said search, and
 - transmitting a result, including data marks or associated music clip information broadcast over one or more radio stations, corresponding to said search request to said user terminal.
2. (original): The system of Claim 1, wherein said data network includes one of a Local Area Network (LAN), a Wide Area Network (WAN), and an internet connection.

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3. (previously presented): The system of Claim 1, wherein said server is configured to communicate with at least one user terminal which includes one of a personal computer, an internet access enabled personal digital assistant, Wireless Application Protocol enabled mobile telephone, and an I-mode enabled mobile telephone.

4. (original): The system of Claim 1, wherein said user terminal and said server terminal are coupled to said data network using one of a TCP/IP protocol, and an AppleTalk protocol.

5. (previously presented): The system of Claim 1, wherein said search request includes an indication of selecting said marked data, or information about the marked data, with a search command.

6. (original): The system of Claim 5, wherein said indication includes a drag and drop operation of an icon representative of said marked data displayed on said user terminal to an icon representative of said search request.

7. (original): The system of Claim 6, wherein said icon representative of said marked data includes a hypertext link.

8. (original): The system of Claim 6, wherein said icon representative of said search request includes one of a two-dimensional still image or a three dimensional still image, and a dynamic video image.

9. (previously presented): The system of Claim 1, wherein said programming executable on said server is configured for outputting a search request in progress display upon the user terminal after said search request is transmitted.

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10. (previously presented): The system of Claim 1, wherein said conditions of said search are based on music clip title, genre of music, or on broadcast station.

11. (previously presented): The system of Claim 10:
wherein each of said one or more user playlist databases includes information corresponding to the marked data corresponding to the respective users; and
wherein said user playlists contain information about music clips which have been broadcast.

12. (original): The system of Claim 1, wherein said marked data includes information corresponding to a bookmarked music clip broadcast over a radio station.

13. (original): The system of Claim 12, wherein said information corresponding to the bookmarked music clip includes one or more of a name of the music clip, a name of the music clip artist, and a name of the music clip album.

14. (previously presented): The system of Claim 1, further comprising:
at least one broadcast database configured for access by said server and for retaining broadcast playlist information corresponding to music clips broadcast by participating radio stations and configured for being associated with data marks received from a data marking device; and
wherein each said broadcast playlist contains information about the music clips which have been broadcast including clip name and the artist and/or album.

15. (previously presented): A data marking search system, comprising:
at least one server computer configured for communicating over a data network;
at least one user database comprising user information and associated user playlists which are configured for access by said server;

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said user playlists containing information about music clips which have been broadcast;

wherein said music clip information is associated with corresponding data marks as received from a data marking device;

at least one broadcast playlist database configured for access by said server and for retaining broadcast playlists containing information about music clips which were broadcast by participating radio stations and which correspond to music clip data marks;

wherein each said broadcast playlist contains information about the music clips which have been broadcast including clip name and the artist and/or album;

network interface of said server configured for communicating with a plurality of user terminals each coupled to the data network to transmit a search request corresponding to a marked data, or information about the marked data; and

programming executable on said server computer for,

accessing a user database on storage units each corresponding to a respective one of said plurality of user terminals in response to said search request received from one said user terminal,

searching other user playlists within said user database in response to said search request and locating data marks or associated music clip information that fulfills the conditions of said search, and

transmitting a result, including data marks or associated music clip information broadcast over one or more radio stations, corresponding to said search request to one said user terminal.

16. (previously presented): The system of Claim 15, wherein each of the plurality of user terminals includes one of a personal computer, an Internet access enabled personal digital assistant, Wireless Application Protocol enabled mobile telephone, and an I-mode enabled mobile telephone.

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17. (previously presented): The system of Claim 15, wherein the plurality of user terminals and said server are coupled to said data network using one of a TCP/IP protocol, and an AppleTalk protocol.

18. (previously presented): The system of Claim 15, wherein said search request includes an indication of selecting said marked data with a search command.

19. (original): The system of Claim 18, wherein said indication includes a drag and drop operation of an icon representative of said marked data displayed on said one user terminal to an icon representative of said search request.

20. (original): The system of Claim 19, wherein said icon representative of said marked data includes a hypertext link.

21. (original): The system of Claim 19, wherein said icon representative of said search request includes one of a two-dimensional still image or a three-dimensional still image, and a dynamic video image.

22. (previously presented): The system of Claim 15, wherein said programming executable on said server is configured to output a search request in progress display upon one user terminal after said search request is transmitted.

23. (previously presented): The system of Claim 15, wherein said conditions of said search are based on music clip title, genre of music, or on broadcast station.

24. (previously presented): The system of Claim 23:
wherein each of said one or more user playlist databases includes information corresponding to the marked data corresponding to the respective user terminals; and

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wherein said user playlists contain information about music clips which have been broadcast.

25. (original): The system of Claim 15, wherein said marked data includes information corresponding to a bookmarked music clip broadcast over a radio station.

26. (original): The system of Claim 25, wherein said information corresponding to the bookmarked music clip includes one or more of a name of the music clip, a name of the music clip artist, and a name of the music clip album.

27. (original): The system of Claim 15, wherein the result corresponding to the search request transmitted to the user terminal includes one or more of information corresponding to music clips broadcast over one or more radio stations.

28. (currently amended): A data marking search system, comprising:
at least one server computer configured for communicating over a data network;
at least one user database comprising user information and associated user playlists which are configured for access by said server;

said user playlists containing information about music clips which have been broadcast;

wherein said music clip information is associated with corresponding data marks as received from a data marking device;

at least one broadcast database configured for access by said server and for retaining broadcast playlists containing information about music clips which were broadcast by participating radio stations and which correspond to music clip data marks;

wherein each said broadcast playlist contains information about the music clips which have been broadcast including clip name and the artist and/or album;

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network interface of said server configured for communicating with a plurality of user terminals each coupled to the data network to transmit a search request corresponding to a marked data, or information about the marked data, wherein said marked data indicates a time and which represents content that is broadcasted at said time and wherein said search request is independent of a frequency corresponding to said content that is broadcasted;

programming executable on said server computer for,

accessing said user database in response to a search request received from a first user operating said one or more of said plurality of user terminals,

searching user playlists for music clips bookmarked by other than said first user within said user database in response to said search request and locating data marks or associated music clip information that fulfills the conditions of said search, and

transmitting a result of said searching, including data marks or associated music clip information about previously broadcast material, to said first user operating one said user terminal in response to said data searching operation.

29. (previously presented): The system of Claim 28, wherein conditions of said search are based on music clip title, genre of music, or on broadcast station.

30. (previously presented): The system of Claim 28, wherein said programming executable on said server is configured to display a search result on the user terminal based on said data searching operation.

31. (previously presented): The system of Claim 28, wherein said searching of user playlists includes accessing a storage unit of another plurality of user terminals and retrieving data corresponding to said marked data.

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32. (original): The system of Claim 31, wherein said data corresponding to said marked data retrieved from said storage units of said other user terminals includes information corresponding to broadcast music clips marked by the users of the respective other user terminals.

33. (currently amended): A computer implemented method of retrieving music clip information over a network, comprising:

initiating a music search operation, by a first user, in response to selecting bookmarked music from within a user playlist of a first user or from other users, said user playlist [[and]] associated with a marked data or information corresponding to a marked data of a first user;

wherein said marked data corresponds to content that was previously broadcast and wherein said search request is independent of a frequency corresponding to said content that is broadcast;

receiving for display, from a server on the network, a search pending status data; and

receiving a playlist from a server on the network, said playlist corresponding to said search operation.

34. (previously presented): The method of Claim 33, further comprising searching user playlists of a second or additional user to locate data marks or associated music clip information fulfilling desired search conditions.

35. (original): The method of Claim 33, wherein said search pending status data includes one or more of a text data, a two-dimensional image data, a three-dimensional image data, and a dynamic video data.

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36. (original): The method of Claim 33, wherein said playlist includes information corresponding to bookmarked broadcast music including a name information, an artist information and an album information of the bookmarked music.

37. (previously presented): The method of Claim 33:
wherein said music search is performing in response to a set of search conditions; and
wherein said search conditions comprise selecting similar categories of music, or selecting music associated with one or more broadcast stations.

38. (previously presented): The method of Claim 33, further including storing or deleting said received playlist.

39. (previously presented): A computer implemented method of retrieving music clip information over a network, comprising:
detecting a data search operation initiation in response to selecting a music clip, at a user terminal from within a playlist for a first user;
wherein said music clip is associated with a marked data, or information corresponding to a marked data of the first user;
wherein said marked data corresponds to content that was previously broadcast and wherein said search request is independent of a frequency corresponding to said content that was broadcast;
searching playlists of a second or additional users on a server coupled to a network to locate music clips that fulfill a desired search condition in relation to the selected music clip;
retrieving, from said server, information from said search operation; and
displaying said retrieved information on the user terminal.

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40. (previously presented): The method of Claim 39, further comprising indicating on the user terminal that said search is in progress after the initiation of said data search.

41. (previously presented): The method of Claim 39, wherein said searching step includes accessing one or more user playlist databases.

42. (previously presented): The method of Claim 41, wherein said desired search condition comprises a genre of music.

43. (previously presented): The method of Claim 41, wherein said desired search condition comprises selecting one or more broadcast stations.

44. (original): The method of Claim 39, wherein said retrieved information includes one or more of a song title information, an artist information, and an album information for music broadcasts over one or more radio stations.

45. (previously presented): A data marking search system, comprising:
means for maintaining user playlists, containing data marks or information about a plurality of music clips, for a collection of users;
means for connecting to a data network and transmitting data between a user terminal and a server containing said user playlists;
means for initiating a search request by selecting a marked data, or information about the marked data, in relation to the conditions of the search;
wherein said marked data indicates a time and said marked data represents content that was broadcast at said time and wherein said search request is independent of a frequency corresponding to said content that is broadcasted; and

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means for retrieving from the playlists of other users information about music clips which are of a similar genre or radio station and thus fulfill the conditions of said search.